Weekly Metrics for August 31 – September 6, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	0.9	A
		Archive	GES DAAC	0.9	1x Baseline	0.9	A
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	25	W
		Archive	NSIDC	41	1x Baseline	25	W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	89	
		L1 Prod	GES DAAC	807	Various	800	U
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	170	U
		Archive	GES DAAC	1,012	Various	1,060	U
		Distribution	GES DAAC				
		Production				301	
		End users		471	Various	3	G
		Data Pool				10	V
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	21	B
		L2-L3 Prod	GHRC	38	2.03x Baseline	41	C
		Archive	NSIDC	67	Baseline		C
		Distribution	NSIDC				
		Production				7	
		End Users		35	1.015x Baseline	0	G
		Data Pool				44	V
	CERES	Archive	ASDC	169	Various	Included In Terra CERES	
		Distribution	ASDC				See Footnote S
		Testing/QA		1,421	IT Requirements		
		End Users		109	1.015x Baseline		
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	502	
		L1 Prod	GES DAAC	5,047	Various	2,379	M
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,608	M, R
		Archive	LP DAAC	3,516	Various	1,824	M, R
			GES DAAC	8,015	Various	4,510	M, R
			NSIDC	426	Various	156	M, R
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End User		2,345	1.015x Baseline	17	G
		Data Pool				0	V
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	1	
		To MODAPS/LaRC				2,955	
		End Users		4,157	1.015x Baseline	9	G
		Data Pool				13	V
		Distribution	NSIDC				
		End User		284	1.015x Baseline	0.1	G
		Data Pool				0	V
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.9	D
		Distribution	ASDC				
		Production				1	
		End Users		0.02	1.015x Baseline	20	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	0	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	0	E
		L1B Archive	LP DAAC	271	1.015x Baseline	208	E

Mission	Instrument	Function	Facility		Basis		
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	132	E
		Archive	LP DAAC	2,173	Various	341	E
		Distribution	LP DAAC				
		Production				299	
		End Users		1,221	1.015x Baseline	169	G, O, P
		Data Pool				0.1	V
	CERES	Archive	ASDC	357	Various	844	S
		Distribution	ASDC				
		Testing/QA		1,421	IT Requirements	16	
		End Users		119	1.015x Baseline	323	G, O
	MISR	L0 Ingest	ASDC	249	1x Baseline	253	
		L1 Prod	ASDC	3,359	Various	2,202	F
		L2-L3 Prod	ASDC	285	3.045x Baseline	253	F
		Archive	ASDC	3,894	Various	2,709	F
		Distribution	ASDC				
		Testing/QA		137	IT Requirements	244	
		Production				1,118	
		End Users		1,215	1.015x Baseline	1,466	G, O
		Data Pool				205	V
Terra (12/99)	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	497	
		L1 Prod	GES DAAC	7,570	Various	7,596	
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	11,791	
		Archive	LP DAAC	7,034	Various (L2-L4)	9,199	
			GES DAAC	12,990	Various (L0-L4)	10,217	I
			NSIDC	853	Various (L2-L3)	480	I, Q
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	10	
		End Users		2,345	1.015x Baseline	1,743	G, O
		Data Pool				1	V
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	134	G
		To MODAPS/LaRC				12,419	
		End users		4,157	1.015x Baseline	1,945	
		Data Pool				119	V
		Distribution	NSIDC				
		End Users		284	1.015x Baseline	50	G, O
		Data Pool				0	V
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	2	
		L2 Prod	SIPS	2	3.045x Baseline	3	
		Archive	ASDC	6	Various	7	
		Distribution	ASDC				
		Production				5	
		End Users		1	1.015x Baseline	7	G, O
		Data Pool				1	V
Landsat-7 (4/99)	ETM+	Archive	LP DAAC	1,092	250 Scenes	636	X
		Distribution	LP DAAC	58	ECS ICD	25	
ADEOS-II (12/02)	SeaWinds	Archive (L0+)	PO DAAC			20	
		Distribution	PO DAAC			216	
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			24	
		Distribution	PO DAAC	NA	NA	29	K
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			41	
		Distribution	PO DAAC	109	Weekly Average	546	K
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			1	
		Distribution	PO DAAC	24	Weekly Average	9	K
Other Missions	AVHRR	Archive (L2+)	PO DAAC			2	
		Distribution	PO DAAC	NA	NA	48	L

Notes:
- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. Production of L2 and L3 products resumed on September 3.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Limited reprocessing has been done this week.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. Has not received any L1 or L2 products from MOPITT SIPS.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials, in addition to AVHRR SST products.
- M. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. Includes the reprocessed data for January 22 - 30, 2003.
- V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- W. Laser #1 was shut down on March 19 and only engineering data have been collected. The replacement laser will be turned on around September 17 - 19.
- X. Landsat-7 scan line corrector (SLC) failed on May 31 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The data collected are archived, but are not available for processing or data ordering. The decrease in archive volume is due to the recovery attempt on the spacecraft(switching to side B electronics).

Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:

Processing Level	1st year after launch	2nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.